ELSEVIER

Journal of Organometallic Chemistry 641 (2002) 243–244

Journal of Organometallic Chemistry

www.elsevier.com/locate/jorganchem

Contents of Volume 641

Special Issue: Interactions of π-Systems with Metals

Preface 1

Interaction of cyclic thiadiynes with CpCo(COD) — selectivity and reactivity
R. Gleiter, J. Classen, B.J. Rausch, T. Oeser, F. Rominger 3

Reactions of cyclopentadienylmolybdenum compounds with bismuth alkoxides
M. Hunger, C. Limberg, E. Kaifer, P. Rutsch 9

Electronic coupling in covalently-linked M–M quadruple bonds: $M_2\delta$ to ligand π conjugation
M.H. Chisholm 15

Regioselective hydrostannations catalyzed by molybdenum isonitrile complexes
S. Braune, U. Kazmaier 26

Development of new palladium catalysts for the alkoxycarbonylation of aryl chlorides
W. Mägerlein, A.F. Indolese, M. Beller 30

Bi- and oligometallic early and late transition metal complexes based on alkynyl-titanocenes and related species spanned by carbon rich π-systems
H. Lang, T. Stein 41

Syntheses and structures of monoplatinum model complexes for diplatinum polyynediyl adducts $L_nPt(C{\equiv}C)_zPtL_n$
T.B. Peters, Q. Zheng, J. Stahl, J.C. Bohling, A.M. Arif, F. Hampel, J.A. Gladysz 53

C_2-Bridged sandwich and half-sandwich entities with Ti(IV) and Cr(0) centers
S. Köcher, H. Lang 62

Isomerism of (π-1,3-dimethylallyl)(phosphinooxazoline)Pd complexes: a comparison between experiment and theory
J. Vázquez, B. Goldfuss, G. Helmchen 67

Structural and mechanistic studies of the copper(II)-assisted *ortho*-hydroxylation of benzoates by trimethylamine N-oxide
W. Buijs, P. Comba, D. Corneli, H. Pritzkow 71

Coordination chemistry of neutral quinolyl- and aminophenylcyclopentadiene derivatives
M. Enders, P. Fernández, M. Kaschke, G. Kohl, G. Ludwig, H. Pritzkow, R. Rudolph 81

Chiral arene ruthenium complexes: Part 3. [Ruthenium(η^6-arene)(η^4-1,5-cyclooctadiene)] complexes with N or O donor functions in the arene side chain
G. Bodes, F.W. Heinemann, G. Marconi, S. Neumann, U. Zenneck 90

(η^5-Cyclopentadienyl)[η^2-bis(*tert*-butylsulfonyl)acetylene](carbonyl)cobalt: An electrophilic reagent to yield CpCo-stabilized cyclobutadiene derivatives
C. Benisch, R. Gleiter, T.H. Staeb, B. Nuber, T. Oeser, H. Pritzkow, F. Rominger 102

Combining organometallic and Werner-type coordination sites in highly preorganized heterobimetallic systems
J.C. Röder, F. Meyer, R.F. Winter, E. Kaifer 113

Isolation of a stable Cr(V) intermediate in the oxidation of aryl-substituted alkenes by chromylchloride
T. Strassner, M. Muehlhofer, S. Grasser 121

Recent studies on alkynyl complexes of the Group 11 and 12 metals
D.M.P. Mingos, R. Vilar, D. Rais 126

Alkynylcarbyne complexes containing various tri- and bidentate ligands such as cyclopentadienide, tris(pyrazolyl)borate, bis(pyrazolyl)acetate and tmeda: synthesis and spectroscopic properties
B. Schwenzer, J. Schleu, N. Burzlaff, C. Karl, H. Fischer 134

Facial coordination of cyclooctatetraene to a Co_2Ni triangle in a heterometallic trinuclear cluster complex
H. Wadepohl, S. Gebert, R. Merkel, H. Pritzkow 142

Synthesis and structural characterization of $[H(OEt_2)_2]^+[(C_3H_3N_2)\{B(C_6F_5)_3\}_2]^-$ — a Brønsted acid with an imidazole-derived 'non-coordinating' anion
D. Vagedes, G. Erker, R. Fröhlich 148

Reactions of methyl(phenyl)silylene with CO and PH_3—the formation of acid–base complexes
H. Bornemann, W. Sander 156

Supported organometallic complexes: Part XXX. Hydroformylation of 1-hexene in interphases — the influence of different kinds of inorganic–organic hybrid co-condensation agents on the catalytic activity
E. Lindner, T. Salesch, S. Brugger, F. Hoehn, P. Wegner, H.A. Mayer 165

η^1-Alkynylplatinum(II) complexes with cycloocta-1,5-diene and tri(1-cyclohepta-2,4,6-trienyl)phosphane ligands
M. Herberhold, T. Schmalz, W. Milius, B. Wrackmeyer 173

Reactions of complex ligands: Part 94. Chromium-templated angular versus linear benzannulation of dibenzofuran and haptotropic metal migration in tetracyclic fused arenes
H.C. Jahr, M. Nieger, K.H. Dötz 185

Metal complexes of anionic 3-borane-1-alkylimidazol-2-ylidene derivatives
A. Wacker, C.G. Yan, G. Kaltenpoth, A. Ginsberg, A.M. Arif, R.D. Ernst, H. Pritzkow, W. Siebert 195

A tertiary phosphine that is too bulky: preparation of catalytically less active carbene and vinylidene ruthenium(II) complexes
W. Stüer, J. Wolf, H. Werner 203

Metal π complexes of benzene derivatives: Part 56. (η^6-Fluoranthene)(tricarbonyl)chromium: isomerism and haptotropic equilibration
Y. Oprunenko, S. Malyugina, A. Vasil'ko, K. Lyssenko, C. Elschenbroich, K. Harms 208

Formation of novel unsaturated fluorinated ligands by metal induced C–C coupling reaction of difluoroallene with fluoromethylidyne ligands of $Fe_3(CO)_9(\mu_3\text{-}CF)_2$
D. Lentz, S. Willemsen 215

An 'Old Hydride' in a new synthesis: a convenient approach to Grubbs-type carbene complexes $(PPh_3)_2Cl_2Ru{=}CH{-}CH{=}CR_2$ and their hexacoordinate acetonitrile adducts
M.A.O. Volland, F. Rominger, F. Eisenträger, P. Hofmann 220

Strain in organometallics: synthesis of rhodium and iridium complexes with a novel rigid tetrachelating phosphine olefin ligand and their redox properties
C. Laporte, C. Böhler, H. Schönberg, H. Grützmacher 227

Author Index of Volume 641 235
Subject Index of Volume 641 237
Contents of Volume 641 243